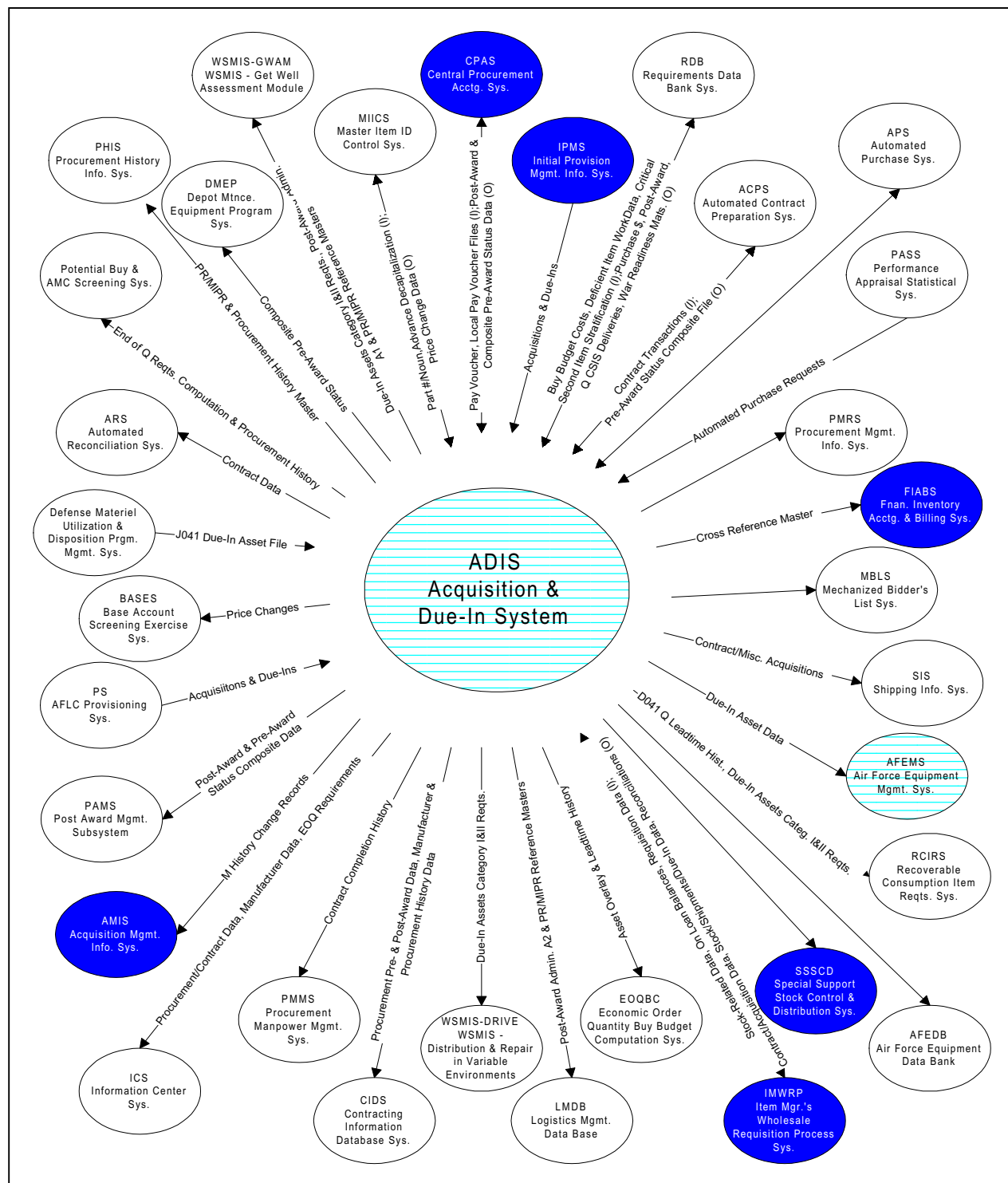# U.S. Air Force

Acquisition Function

U.S. Air Force
Acquisition and Due-In System (ADIS)

Description The Acquisition and Due-In System (ADIS) provides a single repository of information for items centrally procured. The system operates at the five Air Logistic Centers and maintains and processes data for contracting and requirements activities from purchase request initiation (pre-award) through the contract life cycle to close-out (post-award), and maintains historical data on stock numbered items. Although primarily oriented to acquisitions via contracting, the ADIS also maintains records of material being acquired through reclamation projects, bailment/loan, contract termination inventories, and long supply assets from other services. This system specifically excludes classified contracts and operational contracting actions (local purchases).

Office of Primary Responsibility and Program Manager The ADIS office of primary responsibility and responsible manager are:

ESC/PIWC
Program Manager:
Walt Wilson

DSN: 785-3992 ext. 441
Comm: (937) 255-3992 ext. 441
Fax: 985-5019
E-mail: walter.wilson@afscis.wpafb.af.mil

System Compliance Status The compliance status of the ADIS has not been determined. Currently, the Air Force Audit Agency is performing a Management Advisory Service. The completion of the Management Advisory Service is targeted for March 2000.

Resource Requirements Resources for the finance and/or accounting aspects of the ADIS cannot readily be segregated from the full cost of ADIS modernization, development, and implementation, etc. Providing the full cost of this system initiative would overstate the cost necessary to support the finance and/or accounting aspects.

System Interfaces As shown in Graph IV.5, the ADIS interfaces with one critical feeder system, the Air Force Equipment Management System (AFEMS).

Graph IV-5: Acquisition and Due-In System

U.S. Air Force
Automated Business Services System (ABSS)

Description   The Automated Business Service System (ABSS) is the Secretary of the Air Force/Financial Management's response to the Vice Presidential mandate to provide paperless acquisition in the Department. The ABSS has established automated purchase request documents that electronically feed the accounting and contracting systems with commitment data. The contracting systems in turn, will ultimately feed the accounting and payment systems with the same long accounting lines using their own electronic interfaces.

The combination of the ABSS accountability initiative and the contracting system interface will provide the Air Force with a seamless automated entry of financial data into all systems resulting in fewer errors in recording the long lines that presently occur at numerous intervals along a manually laden process. Data entry errors and lack of data have been cited as the cause of over 50 percent of negative unliquidated obligations and unmatched disbursements for the Air Force.

The ABSS accountability initiative eliminates the need for paper in the commitment document process. An operational version of the system is already experiencing 70 percent savings in the time to initiate a document though certification by the Financial Services Office. The system will soon release a feature providing an electronic notification, requesting a receiver of an item to fill out a receiving report and to electronically route it to the paying station. This feature will provide timely payments and provide opportunities to take advantage of discounts and reduce interest penalties. The ABSS will help directly offset the large outsourcing and privatization decrement to the acquisition community.

The ABSS accountability initiative will focus on the following:

- reengineering business processes
- consolidating and standardizing systems
- integrating with other controls
- improving data accuracy

Office of Primary Responsibility and Program Manager	The ABSS office of primary responsibility and responsible manager are:

USAF
<u>Program Manager:</u>
Mark Ernst

DSN:	787-7366
Comm:	(937) 257-7366
Fax:	986-1398
E-mail:	ernstg@wpgate1.wpafb.af.mil

System Compliance Status	The compliance status of the ABSS has not been determined. The Air Force Audit Agency will conduct a Management Advisory Service. The start date for the Management Advisory Service has not been determined. The target completion date is March 2000.

New Initiative Description and Objectives	The objectives of the ABSS new initiative are to:

- reengineer business processes
- consolidate & standardize systems
- integrate with other communities
- assess internal controls
- improve data accuracy

Milestones and Target Dates	The milestones and target dates for the ABSS new initiative are:

| Milestones	Begin Date	End Date
Need Established	Sep 95	
Funds Provided	Sep 96	Aug 98
Baseline Version 0.0 – Electronic Forms, Electronic Routing, Multiple Fund Types, Electronic Coordination	Sep 96	Feb 97
Version 0.1 – GAFS, CPAS interface, Optional routing, bitmap electronic signature, password security	Feb 97	Jul 97
Version 1.0 – BCAS interface, GAFS interface, Foreign Currency, DD250, External Routing, password security	Feb 97	Jul 97
Version 1.0.1 – Inquiry Functionality, MART Validation, Load Orders into GAFS, Track incoming funds (Reimbursables for JOCAS II)	Dec 97	Oct 98

Version 1.1.1 – Y2K fixes for interface, BCAS interface enhancements, generic receiving report, USAFE form 100	May 98	Jan 99
Version 1.1.2 – GAO approved electronic signature, IFAS, J025A, SPS interface EEIC validation, RCCC validation	May 98	Apr 99
Version 1.1.3 – Post IAPS, CPAS, GAFS, obligations, Accounting classification screen, JON account ID PSR for commitments	Oct 98	Sep 99
Deployment – Air Force wide	Feb 97	Sep 01

Resource Requirements   Resources for the finance and/or accounting aspects of the ABSS cannot readily be segregated from the full cost of ABSS modernization, development, and implementation, etc. Providing the full cost of this system initiative would overstate the cost necessary to support the finance and/or accounting aspects.
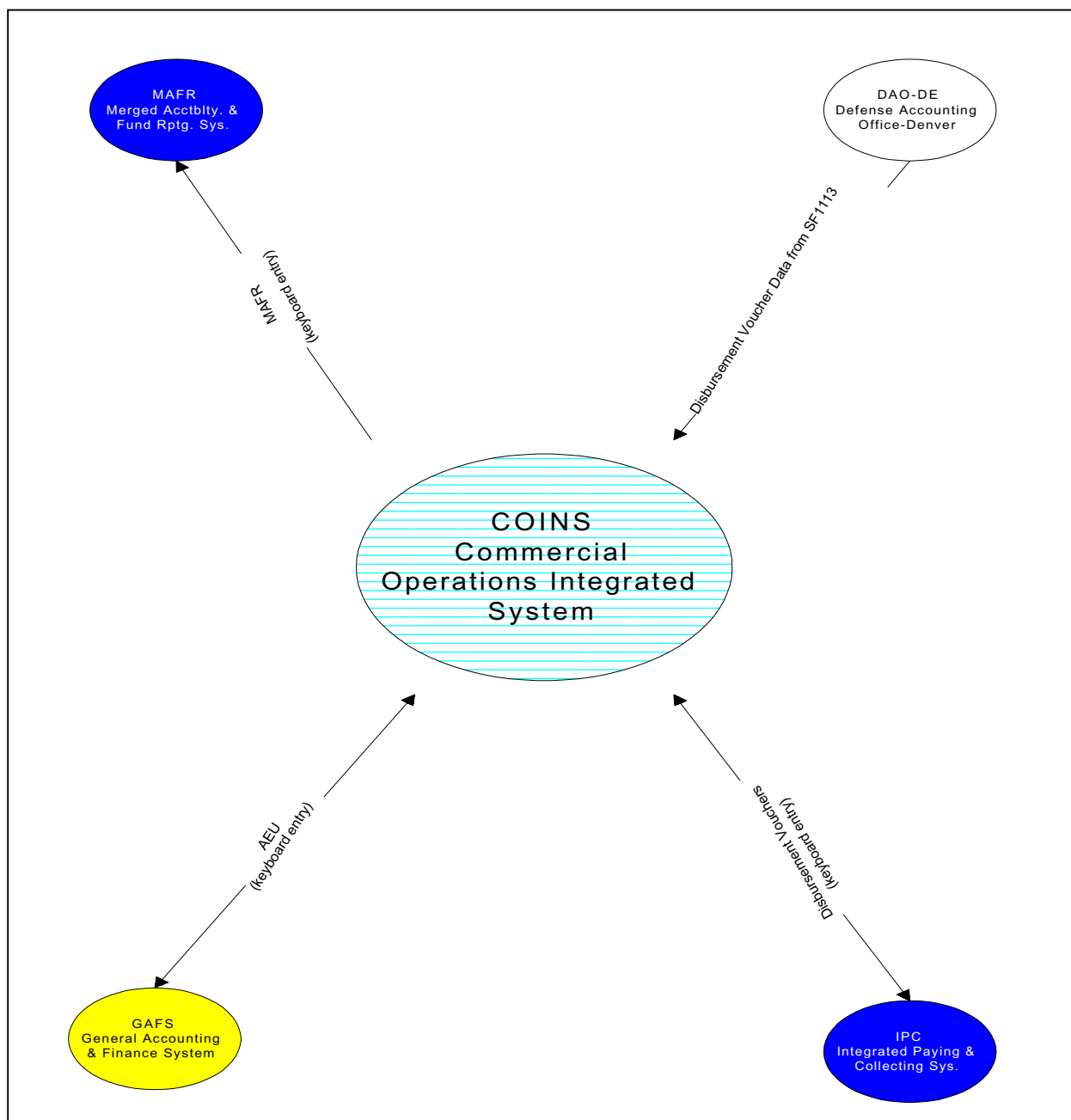
System Interfaces   As shown in Graph IV.6, the ABSS interfaces with two migratory finance and accounting systems, the Integrated Finance and Accounting System (IFAS) and the General Accounting and Finance System (GAFS). The ABSS interfaces with one critical feeder system, the Job Order Cost Accounting System II (JOCAS II).
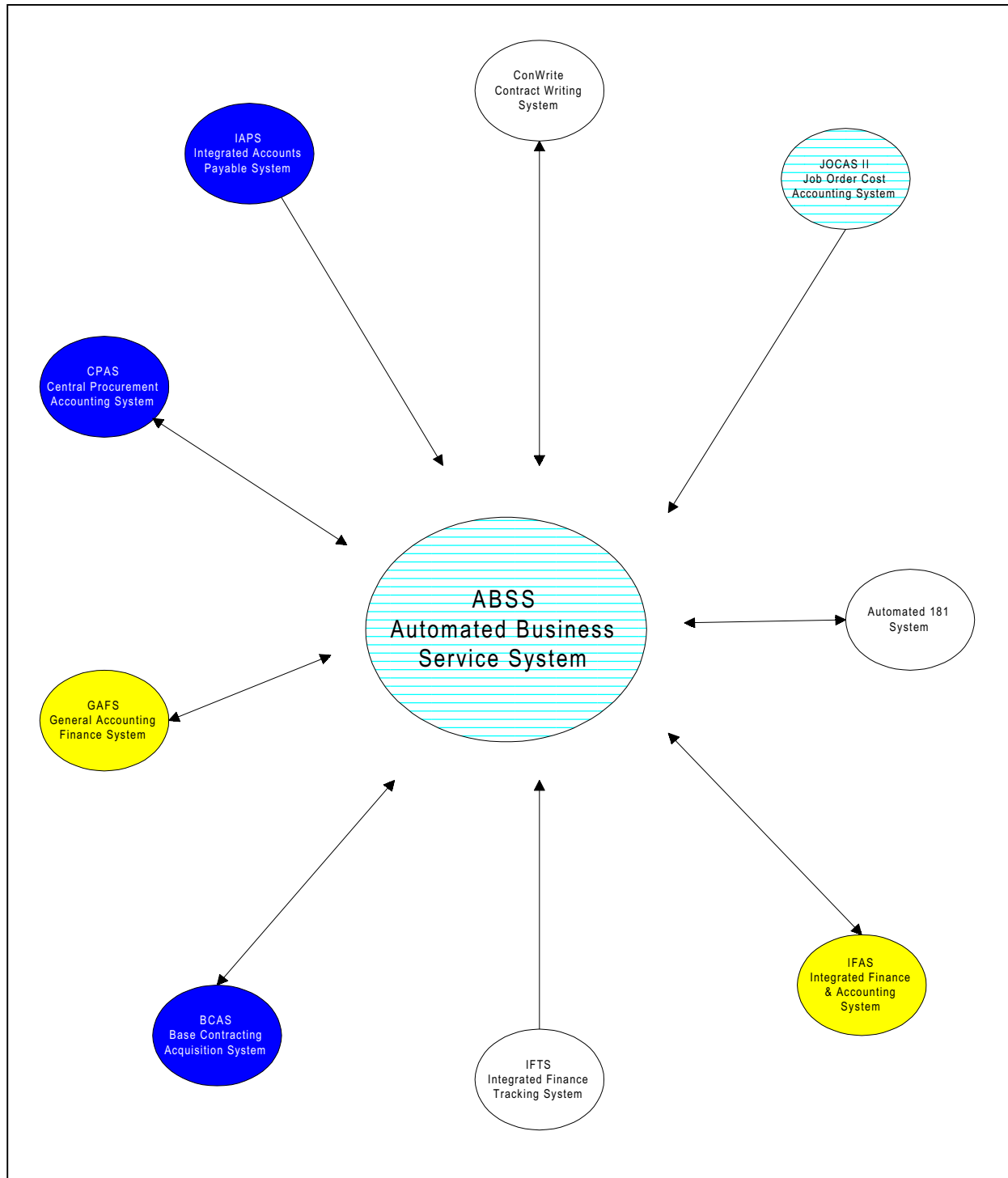
Graph IV-6: Automated Business Service System

U.S. Air Force
Commercial Operations Integrated System (COINS)

Description   The Commercial Operations Integrated System (COINS) combines the efforts of four agencies to contract and pay for commercial airlift services used to augment the Air Mobility Command. The Airlift Requirements Agency prepares automated purchase requests that indicate the need for airlifts. The accounting function certifies the availability of funds and enters final payment data into the system so that other users may extract that data for managerial purposes. The Airlift Contracting Agency extracts the funded airlift requirement so that a contract may be issued to purchase airlift to support the user requirement. The Logistics Contracting Agency uses both contractual and financial data in the COINS to determine rates for future year contracts.

Office of Primary Responsibility and Program Manager   The COINS office of primary responsibility and responsible manager are:

USAF AMC
Program Manager
Lou Koch

DSN: 576-6454
Comm: (618) 256-6454
Fax: 576-2804
E-mail: lou.koch@scott.af.mil

System Compliance Status   The compliance status of the COINS has not been determined. The target completion date for evaluating the COINS is March 2000. The Air Force Audit Agency will perform a Management Advisory Service.

Resource Requirements   Resources for the finance and/or accounting aspects of the COINS cannot readily be segregated from the full cost of the COINS modernization, development, and implementation, etc. Providing the full cost of this system initiative would overstate the cost necessary to support the finance and/or accounting aspects.

System Interfaces   As shown in Graph IV.7, the COINS sends and receives data with one migratory finance and accounting system, the General Accounting and Finance Systems (GAFS).

Graph IV-7: Commercial Operations Integrated System

U.S. Air Force

Personnel Function

U.S. Air Force
Maintenance Labor Distribution and Cost System (MLDCS)

Description   The primary function of the Maintenance Labor Distribution and Cost System (MLDCS) is to record and report actual labor utilization and cost expenditures for the Production Directorate in the Depot Maintenance Business Area of the DWCF at each Air Logistics Center.

The MLDCS provides a method to establish and maintain Resource Control Center skill codes and indirect labor data. Managers can use this system to locate personnel with different types of skills for help in planning and scheduling workload.

Office of Primary Responsibility and Program Manager   The MLDCS office of primary responsibility and responsible manager are:

USAF/AFMC/FMS
Program Manager
Otas Horn

DSN: 787-4886
Comm: (937) 257-4886
Fax: 986-1136
E-mail:

System Compliance Status   The MLDCS has been determined non-compliant. This determination was made in August 1995 through an evaluation conducted by the Air Force Audit Agency (report number 95066007).

General Deficiencies   The general deficiencies of the MLDCS system are:

- inadequate separation of duties, such as restricting programmer access to production data
- cost accountants did not research, correct, and document all errors identified on the MLDCS system Daily Labor Exception Error List and resubmit the corrected information to the system
- the system lacked established procedures to identify common discrepancies between the MLDCS system and the payroll system and submitting discrepancy reports to the appropriate system OPR

Corrective Actions and Target Dates

The corrective actions and target dates for reaching substantial compliance for the MLDCS are:

Corrective Action	Target Date
Will establish necessary controls for programmers to gain access to the production data when specific conditions require programmer intervention	Sep 95– Completed
Develop policy to ensure that appropriate ALC personnel research, correct, and document errors identified on the Daily Labor Exception Error List and resubmit the correct information	Aug 95– Completed

**Compliance Validation Date and Method**

Following the completion of the Air Force Audit Agency's three-year project of assessing all current on-going systems, there will be a follow-on validation of this system which will be scheduled with the Air Force Audit Agency.

Resource Requirements

Resources for the finance and/or accounting aspects of the MLDCS cannot readily be segregated from the full cost of MLDCS modernization, development, and implementation, etc. Providing the full cost of this system initiative would overstate the cost necessary to support the finance and/or accounting aspects.

System Interfaces

As shown in Graph IV.8, the MLDCS interfaces with three critical feeder systems, the Depot Maintenance Workload, Planning, and Control System (MWPCS), Job Order Production Master System (JOPMS), and the Depot Maintenance Budget Management Cost System (MBMCS).
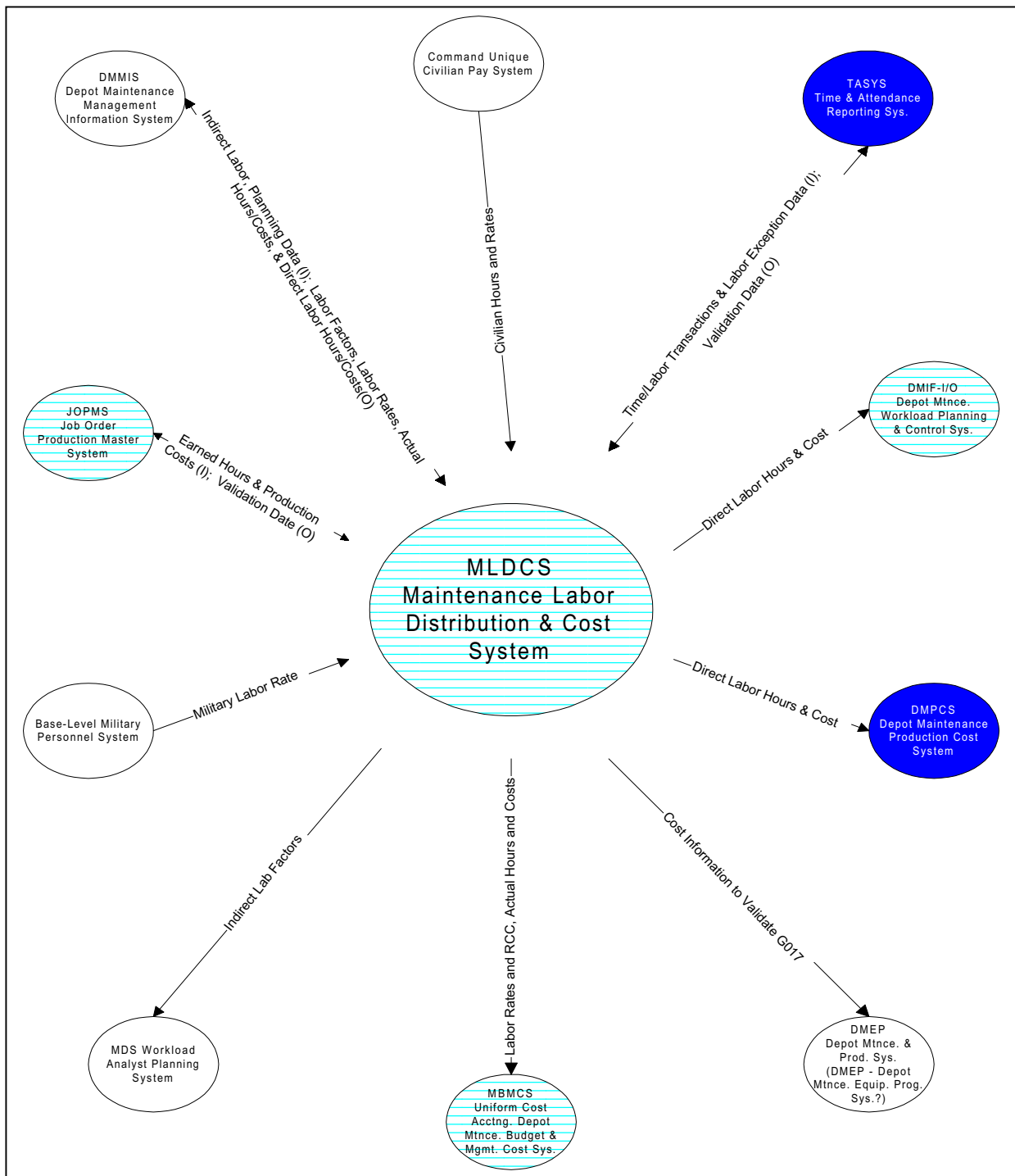
Graph IV-8: Maintenance Labor Distribution and Cost System

U.S. Air Force
Military Modification (MILMOD)

Description   The Military Modification (MILMOD) is a new system that will be a robust relational database, client-server environment using graphically-oriented tools that are easily maintained and more responsive to functionally-driven changes. The MILMOD will support all Air Force components including Active Duty, Guard, and Reserve forces.

Office of Primary Responsibility and Program Manager

The MILMOD office of primary responsibility and responsible manager are:

AFMC/DPDM
Program Manager
Lt. Col. Edward C. Oliver

DSN: 665-4166
Comm: (210) 652-4166
Fax: 665-4493
E-mail: edward.oliver@afpc.randolph.af.mil

System Compliance Status

The compliance status of the MILMOD has not been determined as the system is under development. When the system is fully developed a Management Advisory Service will be scheduled and performed by the Air Force Audit Agency.

Milestones and Target Dates

The milestone and target date for the MILMOD are:

Milestones	Begin Date	End Date
Replace the Personnel Data System (PDS)		TBD

Resource Requirements

Resources for the finance and/or accounting aspects of the MILMOD cannot readily be segregated from the full cost of MILMOD modernization, development, and implementation, etc. Providing the full cost of this system initiative would overstate the cost necessary to support the finance and/or accounting aspects.

U.S. Air Force
Depot Maintenance Workload Planning and Control System (MWPCS)

Description   The Workload Planning and Control System (MWPCS) maintains historical and planning labor applications, supports workload pricing and maintains the master list of resource control centers and their accepted workload factors. Based on past patterns in historical labor application data, the system projects future staffing requirements and establishes resource control center rates used in computing sales prices for end items.

Office of Primary Responsibility and Program Manager   The MWPCS office of primary responsibility and responsible manager are:

USAF/HQ AFMC/LGPW
Program Manager
Frederick George

DSN: 674-0033
Comm: (937) 904-0044
Fax: 787-8998
E-mail: frederick.george@wpafb.af.mil

System Compliance Status   The compliance status of the MWPCS has not been determined. The completion date for evaluating the system is targeted for March 2000. The Air Force Audit Agency will perform a Management Advisory Service audit.

Resource Requirements   Resources for the finance and/or accounting aspects of the MWPCS cannot readily be segregated from the full cost of MWPCS modernization, development, and implementation, etc. Providing the full cost of this system initiative would overstate the cost necessary to support the finance and/or accounting aspects.

System Interfaces   As shown in Graph IV.9, the MWCPS interfaces with six critical feeder systems, the Requirements Data Bank System (RDB, now named STE), Maintenance Labor Distribution & Cost System (MLDCS), Project Order Control System (POCS), Job Order Production Master System (JOPMS), Contract Depot Maintenance Production & Cost System (CDMPCS), and the Depot Maintenance Budget Management Cost System (MBMCS).
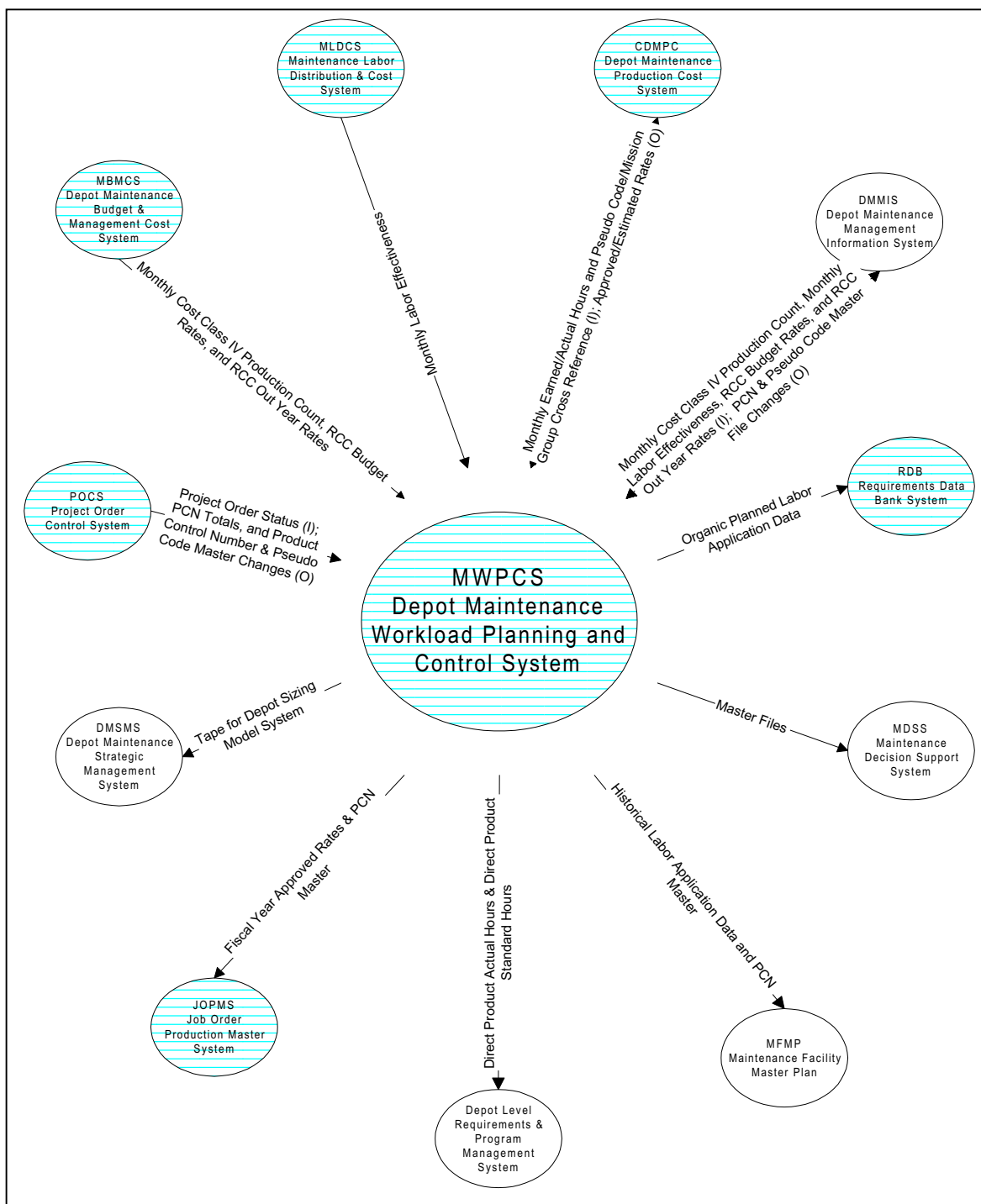
Graph IV-9: Depot Maintenance Workload Planning and Control System

U.S. Air Force

Cost Management Function

U.S. Air Force
Air Force Restoration Information Management System (AFRIMS)

Description   The Air Force Restoration Information Management System (AFRIMS) is an automated tool which allows program managers at the installation, Major Command, and Air Staff levels to manage information pertaining to the Air Force cleanup program efficiently and effectively. The information contained in the AFRIMS is used to track major command performance, construct the exhibits that support various Air Force budget submittals, and respond to requests for other program information.

Office of Primary Responsibility and Program Manager   The AFRIMS office of primary responsibility and responsible manager are:

HQ USAF/ILEVR
Program Manager:
Michael Toland

DSN: 332-0740
Comm: (703) 602-0740
Fax: 664-1812
E-mail: michael.toland@pentagon.af.mil

System Compliance Status   The compliance status of the AFRIMS has not been determined. The evaluation began February 1999 and is scheduled for completion in September 1999. The Air Force Audit Agency will perform a Management Advisory Service.

Compliance Validation Date and Method   The projected validation date for the AFRIMS has not been determined. Following the completion of the Air Force Audit Agency three-year project of evaluating all current on-going systems, a follow-on validation of this system will be scheduled with the Air Force Audit Agency.

Resource Requirements   Resources for the finance and/or accounting aspects of the AFRIMS cannot readily be segregated from the full cost of AFRIMS modernization, development, and implementation, etc. Providing the full cost of this system initiative would overstate the cost necessary to support the finance and/or accounting aspects.

U.S. Air Force
AMARC Management Information System (AMARC-MIS)

Description   The AMARC Management Information System (AMARC-MIS) is composed of two commercial-off-the-shelf products: Compass Contract and Maximo. Compass Contract handles financial data and Maximo handles production data.

Office of Primary Responsibility and Program Manager

The AMARC-MIS office of primary responsibility and responsible manager are:

USAF/ USN AMARC DMAFB Arizona
Program Manager
Michael T. Coiro

DSN: 228-8547
Comm: (520) 228-8547
Fax: 228-8312
E-mail: mike.coiro@dm.af.mil

System Compliance Status

The compliance status of the AMARC-MIS has not been determined. The completion date for evaluating the system is March 2000. The Air Force Audit Agency will perform a Management Advisory Service.

New Initiative Description and Objective

The AMARC-MIS new initiative will implement a new business system for the AMARC including a new financial system, using commercial-off-the-shelf software. The system will collect, control, and report all production and financial transactions generated here at the AMARC.

Milestones and Target Dates

The milestones and target dates for the AMARC-MIS new initiative are:

Milestones	Begin Date	End Date
Implementation	Oct 98	Oct 99
Institutionalize	Oct 99	Dec 99
Replace AMARC-ACS		May 99

Compliance Validation Date and Method

The projected validation date has not been determined. Following the completion of the Air Force Audit Agency three-year project of evaluating all current on-going systems, a follow-on validation of this system will be scheduled with the Air Force Audit Agency.

Resource Requirements

Resources for the finance and/or accounting aspects of the AMARC-MIS cannot readily be segregated from the full cost of AMARC-MIS modernization, development, and implementation, etc. Providing the full cost of this system initiative would overstate the cost necessary to support the finance and/or accounting aspects.

U.S. Air Force
Airlift Services Individual Funds Integrated Components System (ASIFICS)

Description   The Airlift Service Industrial Fund Integrated Computer System (ASIFICS) is a comprehensive information management system used to support accounting, budgeting, and analysis functions. The ASIFICS performs channel-billing services and, in addition, provides a variety of management information necessary to perform analysis in the transportation business area. The ASIFICS provides an historical track of passengers and cargo moved and is used by management to develop the tariff rate structure. Statistical reports are used to develop channel passenger and cargo accruals for the amount of revenue in the pipeline. Special purpose statistical reports and data summaries are developed and used to support budget exhibits, validate tariffs, forecast customer movement requirements, estimate aircraft procurement requirements, answer Congressional inquiries, support law enforcement activities, and address a wide variety of management information requirements.

Office of Primary Responsibility and Program Manager

The ASIFICS office of primary responsibility and responsible manager are:

USAF/Air Mobility Command
Program Manager
Denise Cavanaugh

DSN: 576-3529
Comm:
Fax:
E-mail:

System Compliance Status

The ASIFICS has been determined non-compliant. This determination was made in December 1994 through an evaluation conducted by the Air Force Audit Agency (report number 96066010).

General Deficiencies

The general deficiencies that make the ASIFICS non-compliant are:

- lack of effective controls over authorized program facilities, program property tables, and sensitive utilities, to limit user access to programs and data. Specifically, these individuals could use SQL queries to inappropriately modify production data
- inadequate error correction controls
- improper reconciliation of general ledger and ASIFICS subsidiary ledger balance
- inadequate configuration control over the SQL code used for standard reports
- ASIFICS OPR did not provide system users complete or accurate documentation
- transaction histories are absent and did not comply with GAO accounting standards
- no audit trail is available
- system OPR did not complete adequate FMFIA review of ASIFICS

Corrective Actions and Target Dates

The corrective actions and target dates for reaching substantial compliance for the ASIFICS are:

Corrective Action	Target Date
Remove SQL update capability from the ASIFICS production region	Nov 96–Completed
Incorporate separation of duty controls	Sep 96–Completed
Coordinate with DFAS personnel to develop error correction procedures	Jan 97–Completed
Develop detailed reconciliation procedures	Jan 97–Completed
Modify ASIFICS operation procedures so that SQL code for management reports comes under formal configuration management control	Jan 97–Completed
Will update the ASIFICS documentation to comply with GAO and DoD requirements	Jan 97–Still Open
Modify ASIFICS to maintain transaction histories	Mar 97-Completed
Modify ASIFICS to cross index individual bills to summarized billing totals used to update the general ledger	Mar 97-Completed
Provided detailed training on performing section 4, FMFIA reviews	Nov 96–Completed

Compliance   The projected validation date is to be determined. The Air Force has worked
Validation   with the Air Force Audit Agency to make the system compliant.   Following
Date and   the completion of the Air Force Audit Agency three-year project of assessing
Method   all current on-going systems, a follow-on validation of this system will be
                   scheduled with the Air Force Audit Agency.

System   As shown in Graph IV.10, the ASIFICS interfaces with the finance and
Interfaces   accounting system General Accounting and Finance System (GAFS).

ASIFICS
Airlift Services
Industrial Fund
Integrated Computer
System

General Ledger Data & Trial Balance

GAFS
General Accounting
& Finance System
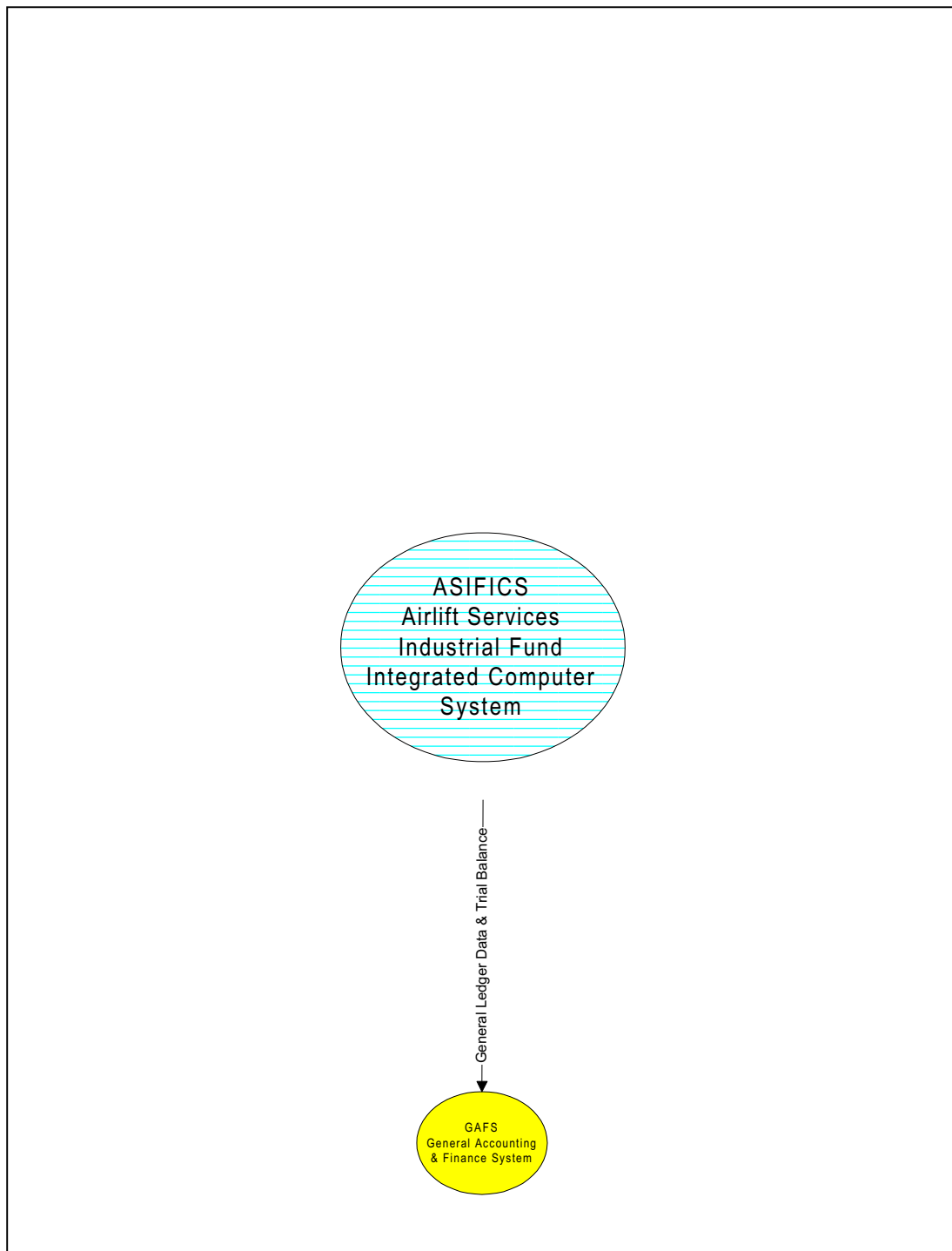
Graph IV-10: Airlift Services Industrial Find Integrated Computer System

U.S. Air Force
Contract Depot Maintenance Production and Cost System (CDMPC)

Description   The main purpose of the Contract Depot Maintenance Production and Cost System (CDMPC) is to accumulate financial and production data for management of end items repaired at contractor sites. This information is then used to manage depot repair workloads not performed in-house, which are considered Government Furnished Material to a contractor.

The system is used to manage production requirements and to give funding information for depot maintenance service and industrial fund contracts. It is used at the five Air Logistics Centers by two distinct user groups, the Air Force (Contract Maintenance) and the DFAS (Cost Accounting) to support the Depot Maintenance Business Area.

The CDMPC system provides information on production results to help manage customer workload and requirements. This information is provided to the requirements systems for use by the item managers for asset visibility and requirements planning (e.g., items produced, condemnations, repairables on-hand, scheduled input quantities, etc.).

Office of Primary Responsibility and Program Manager   The CDMPC office of primary responsibility and responsible manager are:

Air Force Material Command
Program Manager
Sheila Douglas

DSN: 787-2672
Comm: (937)257-2672
Fax: (937)656-1354
E-mail: sheila.douglas@wpafb.af.mil

System Compliance Status   This CDMPC has been determined non-compliant. This determination was made on May 1996 through an evaluation conducted by the Air Force Audit Agency (report number 95066023).

General Deficiencies

The general deficiencies that make the CDMPC non-compliant are:

- system did not comply with GAO accounting standards
- system users at three ALCs reviewed did not use the same journal entries to update contract depot maintenance costs to the depot maintenance general ledger
- system did not electronically interface with the depot maintenance general ledger
- system did not have a complete, automated, or structured history to trace transactions from source documents to the general ledger and from the general ledger to the source documents
- lack of internal controls over user access
- lack of separation of duty safeguards
- lack of monthly reconciliations
- lack of review over quality and accuracy of data
- incomplete and out of date users manual did not accurately describe systems operations
- OPR did not complete an adequate FMFIA review of the G072D system

Corrective Actions and Target Dates

The corrective actions and target dates for reaching substantial compliance for the CDMPC are:

Corrective Action	Target Date
A comprehensive transaction table was being updated at the time of the audit and will meet GAO accounting standards	Sep 96–Completed
Reemphasize the use of AFMCR 170-10 (Chapter 5) journal entries to the ALCs	July 96–Completed
Install electronic interface to the DMMIS.	July 96–Completed
As part of the reengineering effort, DFAS will design a transaction history file containing all data elements required by the GAO	Sep 96–Still Open
Update systems users manual to require G072D personnel at ALCs to maintain a list of authorized users	Sep 96–Completed
Issue a memorandum reemphasizing maintenance of authorized users	Jul 96–Completed
Reemphasize the importance of access control in a memorandum to the local OPRs	Jul 96–Completed

Restrict production data update capability via user identification by application and surveillance programmers	Jul 96–Completed
Reaffirm the necessity for monthly reconciliations of the general ledger to the G072D	Sep 96-Completed
Develop a data validation methodology to validate the content of master file records for completeness and accuracy commensurate with the acceptable risk level and cost involved	Sep 96– Still Open
As part of the redesign, users' documentation will be updated and provided on-line	Sep 96–Still Open
OPR will report the identified weaknesses until corrected	Jul 96–Still Open

Compliance Validation Date and Method

The projected validation date is to be determined. The Air Force has worked with the Air Force Audit Agency to make the system compliant.   Following the completion of the Air Force Audit Agency three-year project of assessing all current on-going systems, a follow-on validation of this system will be scheduled.

Resource Requirements

Resources for the finance and/or accounting aspects of the CDMPC cannot readily be segregated from the full cost of CDMPC modernization, development, and implementation, etc. Providing the full cost of this system initiative would overstate the cost necessary to support the finance and/or accounting aspects.

System Interfaces

As shown in Graph IV.11, the CDMPC interfaces with the following critical feeder systems: the Stock Number User Directory (SNUD), and the Requirements Data Bank System (RDB).
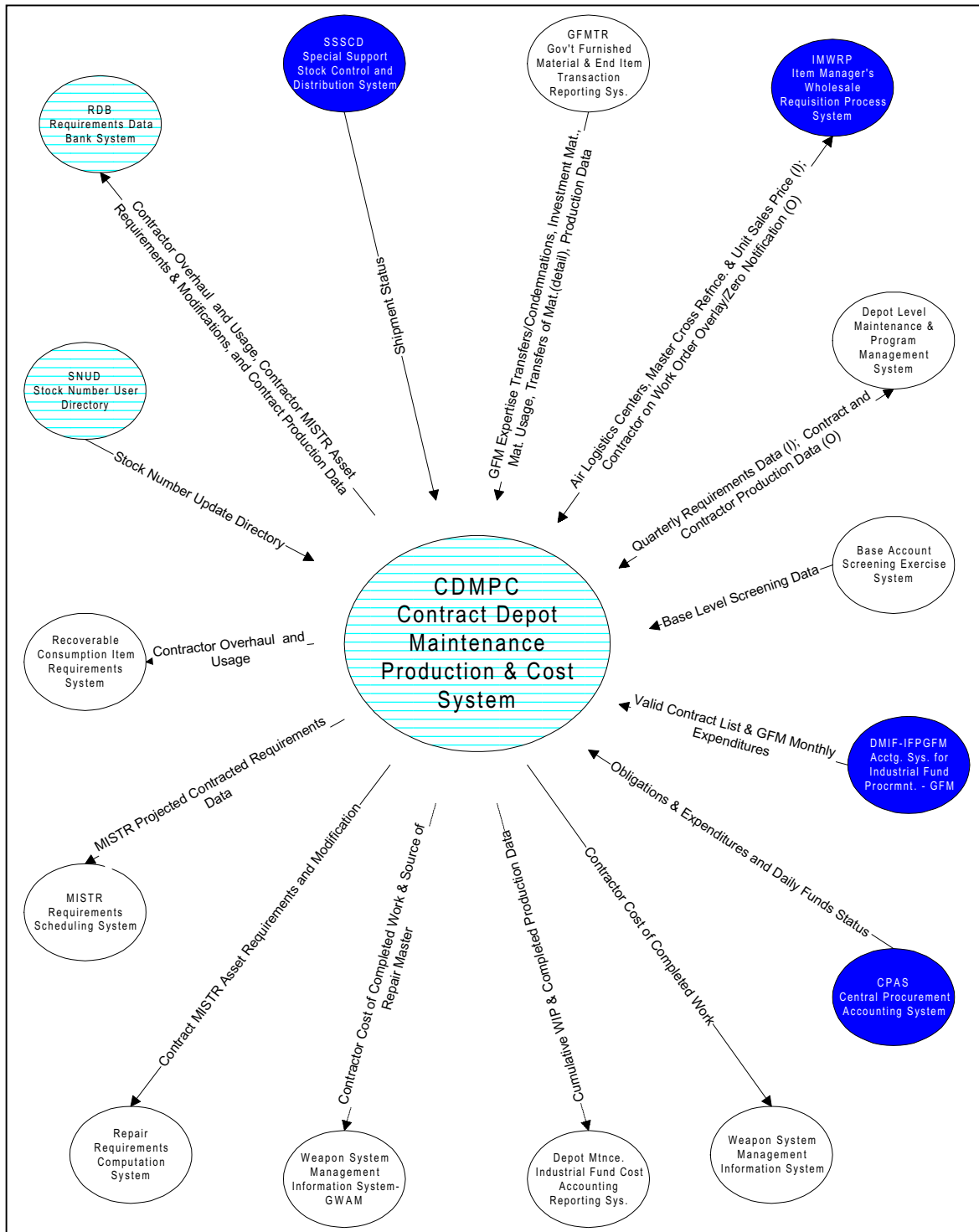
Graph IV-11: Maintenance Labor Distribution and Cost System

U.S. Air Force
Job Order Cost Accounting System II (JOCAS II)

Description   The Job Order Cost Accounting System II (JOCAS II) is a full cost
   accounting system that collects, estimates, and tracks job order cost
                         accounting information and maintains to produce management reports. The
                         JOCAS II provides detailed accounting of costs by RCCC/EEIC and produces
                         automated journal vouchers/billing documents.

**Office of
Primary
Responsibility
and Program
Manager**

The JOCAS II office of primary responsibility and responsible manager are:

Air Force Materiel Command/FM
Program Manager
Arthur Landrigan

DSN: 787-3272
Comm: (937) 257-3272
Fax: 986-1399
E-mail: arthur.landrigan@wpafb.af.mil

**System
Compliance
Status**

The JOCAS II was determined substantially compliant.

**Compliance
Validation
Date and
Method**

The JOCAS II was determined to be substantially compliant in 1995 through
an Independent Validation and Verification. The following methods were
used to determine the compliance of this system:

- management knowledge gained from the daily operation of agency
  programs and systems
- system built to be compliant
- program evaluations
- management review to assess internal controls
- review of system for OMB A-127 requirements
- independent FMFIA Certifications from an independent contractor and
  the DFAS HQ

**Resource
Requirements**

Resources for the finance and/or accounting aspects of the JOCAS II cannot readily be segregated from the full cost of the JOCAS II modernization, development, and implementation, etc. Providing the full cost of this system initiative would overstate the cost necessary to support the finance and/or accounting aspects.
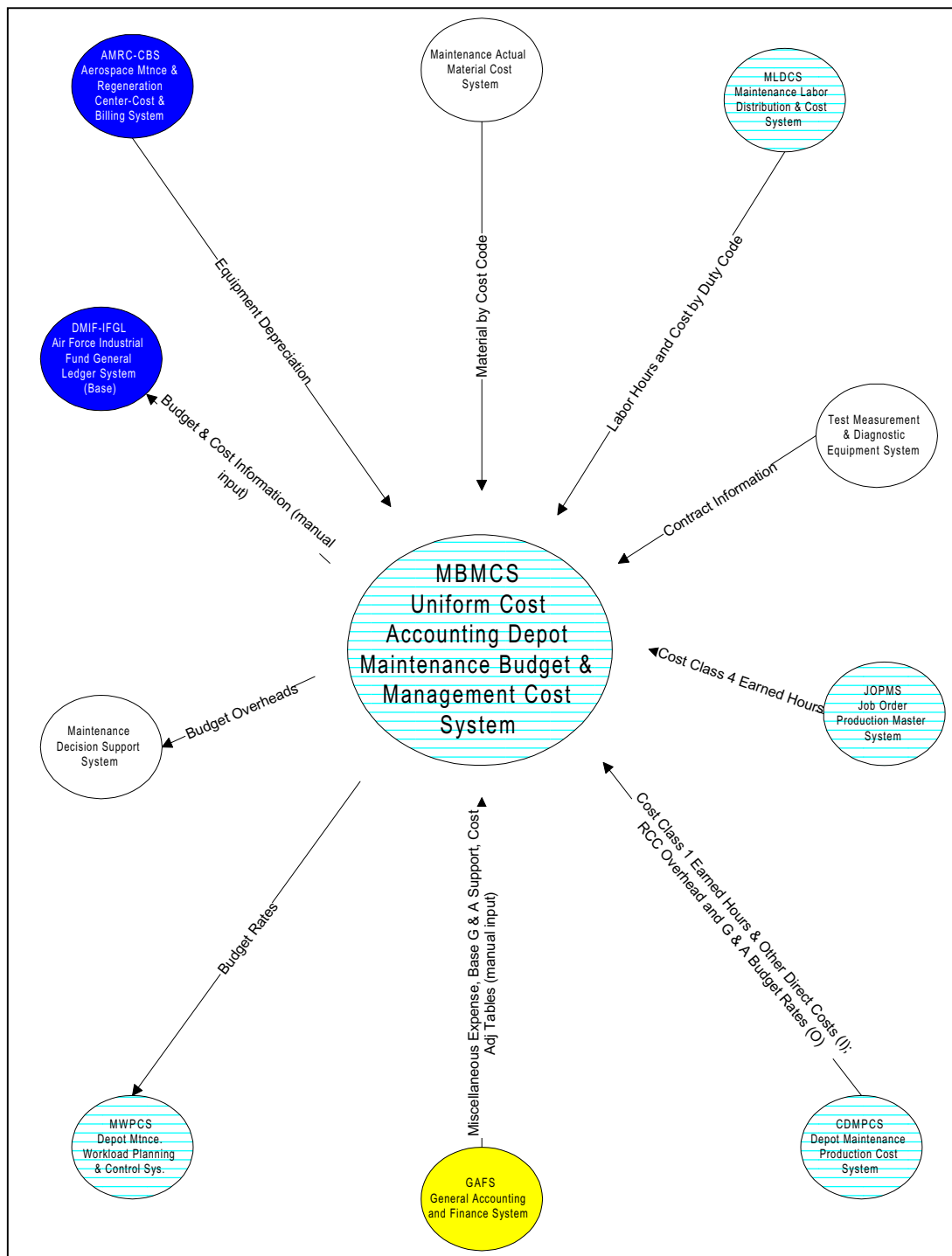
**System
Interfaces**

As shown in Graph IV.12, the JOCAS II interfaces with the following two finance and accounting systems: the General Accounting and Finance System (GAFS) and the Defense Civilian Pay System (DCPS).
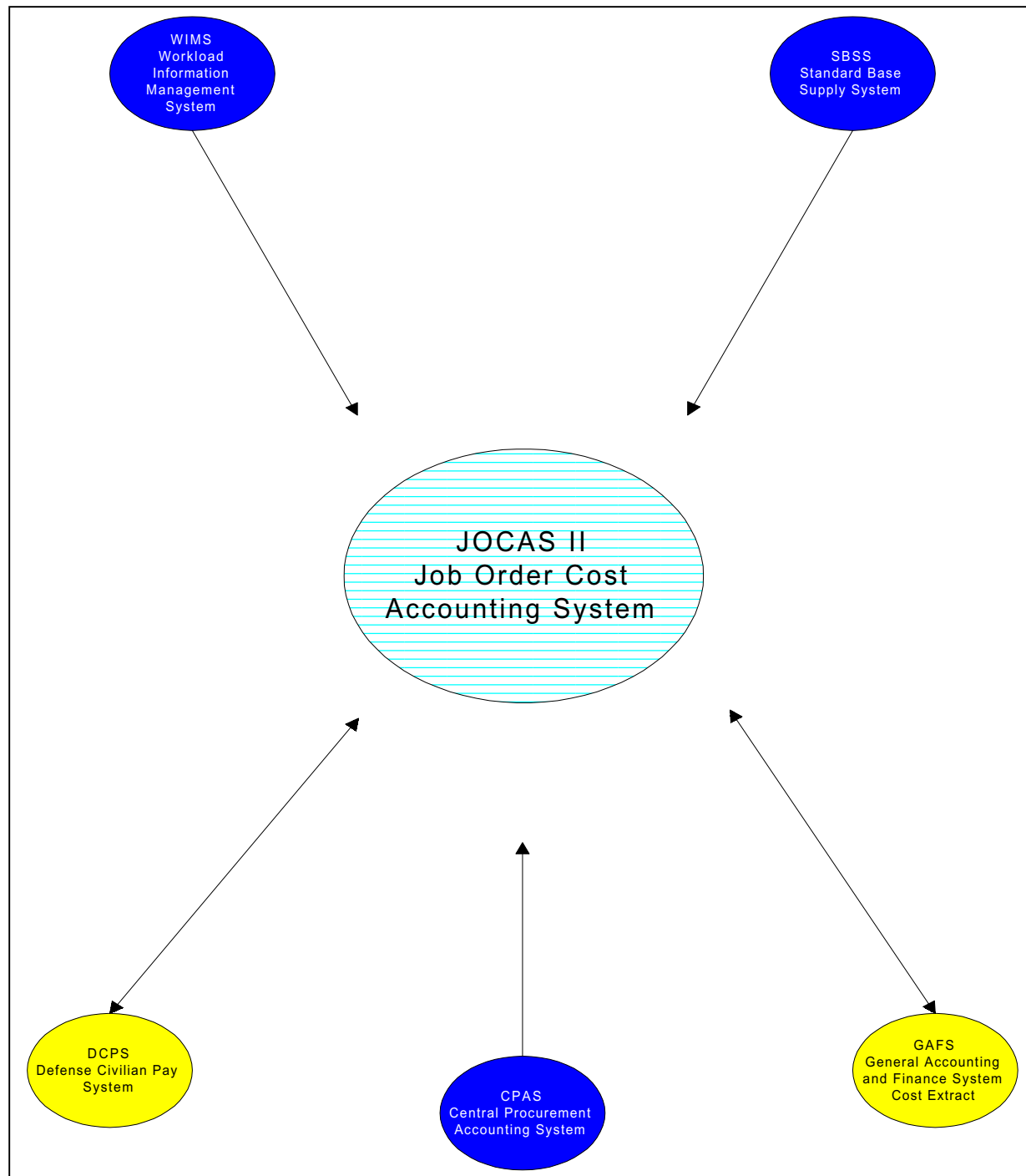
Graph IV-12: Job Order Cost Accounting System II

U.S. Air Force
Depot Maintenance Budget and Management Cost System (MBMCS)

Description	The primary function of the Depot Maintenance Budget and Management Cost System (MBMCS) is to provide budget formulation, including allocation of overhead and rate projections, and to provide budget execution including accumulation of actual cost and comparison of budgeted to actual costs for the Depot Maintenance Business Area of the DWCF. The system is run by Air Force Materiel Command, Financial Management.

Office of Primary Responsibility and Program Manager

The MBMCS office of primary responsibility and responsible manager are:

USAF/AFMC/FMS
Program Manager
Otas Horn

DSN: 787-4886
Comm: (937) 257-4886
Fax: 986-1136
E-mail:

System Compliance Status

The compliance status of MBMCS has not been determined. The completion dates for evaluating the system is targeted for March 2000. The Air Force Audit Agency will perform a Management Advisory Service audit.

Resource Requirements

Resources for the finance and/or accounting aspects of the MBMCS cannot readily be segregated from the full cost of MBMCS modernization, development, and implementation, etc. Providing the full cost of this system initiative would overstate the cost necessary to support the finance and/or accounting aspects.

System Interfaces

As shown in IV.13, the MBMCS interfaces with one finance and accounting system, the General Accounting and Finance System (GAFS) and with four critical feeder systems, the Job Order Production Master System (JOPMS), Maintenance Labor Distribution & Cost System (MLDCS), Depot Maintenance Workload Planning & Control System (MWPCS), and the Contract Depot Maintenance Production & Cost System (CDMPCS).

AMRC-CBS
Aerospace Mtnce &
Regeneration
Center-Cost &
Billing System

Maintenance Actual
Material Cost
System

MLDCS
Maintenance Labor
Distribution & Cost
System

DMIF-IFGL
Air Force Industrial
Fund General
Ledger System
(Base)

Equipment Depreciation

Budget & Cost Information (manual input)

Material by Cost Code

Labor Hours and Cost by Duty Code

Test Measurement
& Diagnostic
Equipment System

Contract Information

MBMCS
Uniform Cost
Accounting Depot
Maintenance Budget &
Management Cost
System

Cost Class 4 Earned Hours

JOPMS
Job Order
Production Master
System

Maintenance
Decision Support
System

Budget Overheads

Budget Rates

Miscellaneous Expense, Base G & A Support, Cost
Adj Tables (manual input)

Cost Class 1 Earned Hours & Other Direct Costs (I);
RCC Overhead and G & A Budget Rates (O)

MWPCS
Depot Mtnce.
Workload Planning
& Control Sys.

GAFS
General Accounting
and Finance System

CDMPCS
Depot Maintenance
Production Cost
System

Graph IV-13: Uniform Cost Accounting Depot Maintenance Budget & Management Cost System

U.S. Air Force
On-Line Vehicle Interactive Management System (OLVIMS)

Description   The primary function of the On-Line Vehicle Interactive Management System (OLVIMS), which operates at over 350 active Air Force, Air National Guard, and Air Force Reserve locations worldwide, is to assist in managing the maintenance of the Air Force vehicle fleet.

The OLVIMS collects vehicle information such as parts ordered and received, repair and fuel costs, and history of repairs for each vehicle assigned to a base. Specifically, the OLVIMS addresses workload control, work order processing, scheduled maintenance tracking, and labor hour accountability.

Office of Primary Responsibility and Program Manager

The OLVIMS office of primary responsibility and responsible manager are:

USAF AF/ILTV
Program Manager
Robert Wiley

DSN: 227-3374
Comm: (703) 697-3374
Fax: (703) 697-4316
E-mail: rwiley@pafosu2.hq.af.mil

System Compliance Status

The OLVIMS was determined non-compliant in January 1998, through an evaluation conducted by the Air Force Audit Agency (report number 97054013).

General Deficiencies

The general deficiencies of the OLVIMS are:

- personnel did not maintain up-to-date OLVIMS system documentation
- 7 of 49 locations did not maintain support for OLVIMS transactions
- personnel at 12 of 49 locations did not perform the required reconciliation
- transaction histories in the OLVIMS were not adequate
- data from 1,193 work orders, selected from a population of 13,890 work orders at 40 locations, disclosed 156 (13 percent) where data disagreed with source documentation
- the Federal system control requirement for transaction-driven, double entry accounting was not met in OLVIMS

Corrective Actions and Target Dates

The corrective actions and target dates for reaching substantial compliance for the OLVIMS are:

Corrective Action	Target Date
Assure updated OLVIMS documentation is embedded in the requirements package Standard Systems Group, Transportation Combat Readiness Division will soon develop for the modernized OLVIMS	Dec 99
Issue changed interim policy guidance to address the deficiencies	Mar 98-Still Open
Request each Major Area Command (MACOM) and direct reporting unit advise each of their units that it is a current Air Force business practice requirement that organizations monthly reconcile cost data in OLVIMS to the general accounting and finance system	Mar 98-Still Open
Request each MACOM and direct reporting unit advise each of their units that it is a current Air Force business practice requirement that organizations review daily transaction listings and correct any input errors	Mar 98-Still Open
Request each MACOM and direct reporting unit advise each of their units that it is a current Air Force business practice requirement that organizations validate RC/CC codes annually	Dec 98-Still Open
Ensure that transaction histories are part of the modernized OLVIMS	Mar 98 and Field by Dec 99
Ensure OLVIMS is capable of handling transaction-driven, double entry accounting shortly after the point at which DFAS systems are capable of handling the same practice	Mar 98-Still Open

Compliance Validation Date and Method

Following the completion of the Air Force Audit Agency's three-year project of evaluating all current on-going systems, there will be a follow-on validation of this system which will be scheduled with the Air Force Audit Agency.

Resource Requirements

Resources for the finance and/or accounting aspects of the OLVIMS cannot readily be segregated from the full cost of OLVIMS modernization, development, and implementation, etc. Providing the full cost of this system initiative would overstate the cost necessary to support the finance and/or accounting aspects.

System Interfaces

As shown in Graph IV.14, the OLVIMS interfaces one migratory finance and accounting system, the General Accounting and Finance System (GAFS).
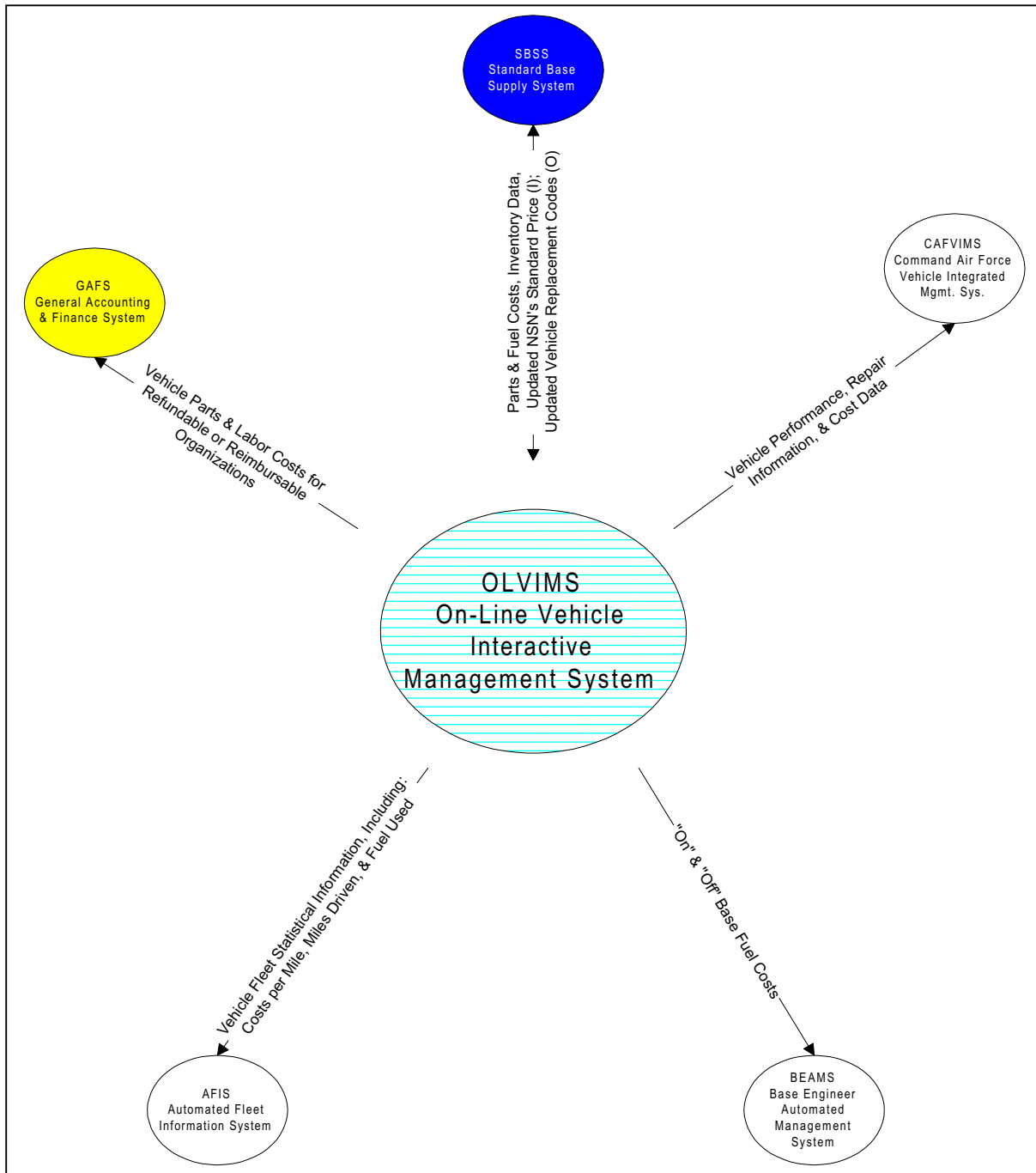
Graph IV-14: On-Line Vehicle Interactive Management System

U.S. Air Force
Project Order Cost System (POCS)

Description   The primary function of the Project Order Cost System (POCS) is to maintain the organic project order register in support of the Depot Maintenance Business Area. The system records the status of every validated project order accepted for depot maintenance and is used in managing an adequate cash flow.

Office of Primary Responsibility and Program Manager

The POCS office of primary responsibility and responsible manager are:

HQ AFMC
Program Manager
Frederick George

DSN: 674-0033
Comm: (937) 904-0033
Fax: 787-8998
E-mail: frederick.george@wpafb.af.mil

System Compliance Status

The POCS has been determined non-compliant. This determination was made in June 1995 and February 1996, through evaluations conducted by the Air Force Audit Agency (report numbers 94066013 and 95062005).

General Deficiencies

The general deficiencies that make the POCS non-compliant are:

- system did not meet GAO and JFMIP standards
- operational locations did not retain transaction histories for the required two years
- system did not have adequate audit trails so operational personnel could trace individual transactions from source documents to the general ledger and from the general ledger to the source documents
- inadequate control over access to subsystem data and programs
- no internal control procedures were in place to ensure that excess project order funds on both closed and open FCRNs were deobligated
- lack of internal control procedures that would have required HQ AFMC personnel to identify and monitor excess Air Logistics Center obligations each quarter to ensure that Air Logistics Center personnel take action to deobligate and return the excess project order funds to the customer
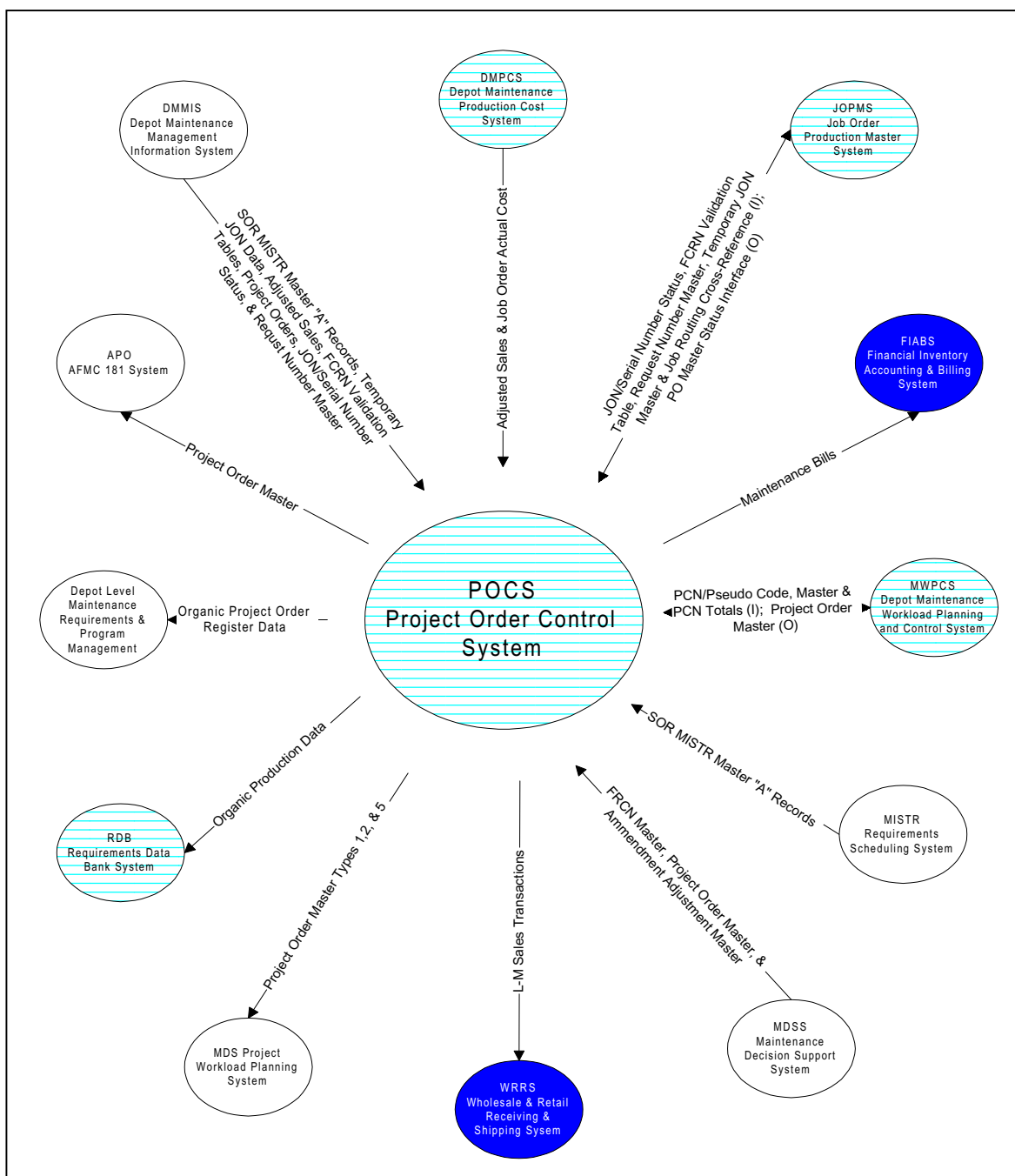
Compliance Validation Date and Method

Following the completion of the Air Force Audit Agency's three-year project of assessing all current on-going systems, there will be a follow-on validation of this system which will be scheduled with the Air Force Audit Agency.

Resource Requirements

Resources for the finance and/or accounting aspects of the POCS cannot readily be segregated from the full cost of POCS modernization, development, and implementation, etc. Providing the full cost of this system initiative would overstate the cost necessary to support the finance and/or accounting aspects.

System Interfaces

As shown in Graph IV.15, the POCS interfaces with four critical feeder systems, the Requirements Data Bank System (RDB, now named STE), Job Order Production Master System (JOPMS), Depot Maintenance Workload Planning & Control System (MWPCS), and the Contract Depot Maintenance Production & Cost System (CDMPC).

DMMIS
Depot Maintenance
Management
Information System

DMPCS
Depot Maintenance
Production Cost
System

JOPMS
Job Order
Production Master
System

SOR MISTR Master "A" Records, Temporary
JON Data, Adjusted Sales, FCRN Validation
Tables, Project Orders JON/Serial Number
Status, & Request Number Master

Adjusted Sales & Job Order Actual Cost

JON/Serial Number Status; FCRN Validation
Table, Request Number Master; Temporary JON
Master & Job Routing Cross-Reference (I);
PO Master Status Interface (O)

APO
AFMC 181 System

FIABS
Financial Inventory
Accounting & Billing
System

Project Order Master

Maintenance Bills

POCS
Project Order Control
System

Depot Level
Maintenance
Requirements &
Program
Management

Organic Project Order
Register Data

PCN/Pseudo Code, Master &
PCN Totals (I); Project Order
Master (O)

MWPCS
Depot Maintenance
Workload Planning
and Control System

Organic Production Data

SOR MISTR Master "A" Records

RDB
Requirements Data
Bank System

Project Order Master Types 1, 2, & 5

L-M Sales Transactions

FRCN Master, Project Order Master, &
Ammendment Adjustment Master

MISTR
Requirements
Scheduling System

MDS Project
Workload Planning
System

WRRS
Wholesale & Retail
Receiving &
Shipping Sysem

MDSS
Maintenance
Decision Support
System

Graph IV-15: Project Order Control System

U.S. Air Force

Property Management Function

U.S. Air Force
Air Force Equipment Management System (AFEMS)

Description   The Air Force Equipment Management System (AFEMS) enables the Air Force to determine, authorize, account for, and report the type and quantities of equipment required to accomplish the Air Force mission and serves as a primary basis for organizational budget/buy programs.

The AFEMS processes all Air Force data for management of support equipment assets. The AFEMS is an on-line integrated database, processing 24 hours a day at Wright Patterson Air Force Base. The AFEMS database is a compilation of data from multiple AFMC and Base Level data systems.

Office of the Primary Responsibility and Program Manager   The AFEMS office of primary responsibility and responsible manager are:

USAF
<u>Program Manager</u>
Gary Thorpe

DSN: 787-8213
Comm: (937) 257-8213
Fax: 787-4126
E-mail: <u>gary.thorpe@wpab.af.mil</u>

System Compliance Status   The AFEMS has been determined non-compliant. This determination was made August 1995 through an evaluation conducted by the Air Force Audit Agency (report number 95066003).

General Deficiencies   The general deficiencies that make the AFEMS non-compliant are:

- the AFEMS operating systems had software control weaknesses within several functional areas and subsystems. Specifically, systems software personnel did not properly manage user access to AFEMS programs and libraries
- systems software personnel did not control user access to sensitive utility programs, sensitive data sets, and administrative authorities
- the AFEMS program office did not adequately manage user identification codes on either the classified or unclassified systems to ensure only authorized personnel gained access to these systems

Corrective Actions and Target Dates

The corrective actions and target dates for reaching substantial compliance for the AFEMS system are:

Corrective Action	Target Date
Issue policy to strengthen controls over program facility libraries and systems software and programs	Reports will be made to PMO monthly until corrected
Modify the system to restrict the use of time-sharing option	Reports will be made to PMO monthly until corrected
Review parameters for possible modification of the Job Entry Subsystem to make it more restrictive	Reports will be made to PMO monthly until corrected
Modify system parameters to capture pertinent audit and control data concerning Virtual Storage Method data sets	Reports will be made to PMO monthly until corrected

Compliance Validation Date and Method

The projected validation date has not been determined. Following the completion of the Air Force Audit Agency three-year project of evaluating all current on-going systems, a follow-on validation of this system will be scheduled with the Air Force Audit Agency.

Resource Requirements

Resources for the finance and/or accounting aspects of the AFEMS cannot readily be segregated from the full cost of AFEMS modernization, development, and implementation, etc. Providing the full cost of this system initiative would overstate the cost necessary to support the finance and/or accounting aspects.

U.S. Air Force
Automated Civil Engineering System (ACES)

Description   The Automated Civil Engineering System (ACES) is a migration of data and functionality from the existing Work Information Management System (WIMS) functionality to a non-proprietary open system. The ACES will operate on a communications infrastructure built upon the Air Force Civil Engineering local area network program.

The ACES migratory initiative is the U.S. Air Force's project initiative envisioned as the next step in the evolutionary phase of Civil Engineer Systems. The current WIMS is composed of a collection of COBOL programs and is being converted to a third normal, DoD Data Dictionary Compliant, Oracle Relational Database Management System application.

Defense Management Review Directive 924 requires systems to standardize and migrate to open architecture and consolidate system data at regional Defense Megacenters. The initial requirement of Defense Management Review Directive 924 is being met with an interim WIMS solution that moves the legacy system from proprietary WANG computer platform to an open system.

Software development for the ACES migratory initiative is based on a client-server architecture using Oracle Relational Database Management System as the core. Under this concept the database will be maintained on the server at the Defense Mega-Center and the client will run the application as an icon or window on the desktop.

Computer Aided Software Engineering tools available with Oracle make software developers highly productive by eliminating the need to write individual lines of programming code. This result is a major reduction in code development and modification, allowing more time for analysis and improvement of business processes. The ACES version I, will include:

- resource and asset management
- work control
- housing
- fire fighting emergency response
- other functionality required to replace the existing the WIMS

Office of Primary Responsibility and Program Manager

The ACES office of primary responsibility and responsible manager are:

HQ AFCES/CEOA
Program Manager
Andy Jackson

DSN: 522-6401
Comm: (850) 283-6401
Fax: 523-6499
E-mail: jacksona@afcesa.af.mil

System Compliance Status

The compliance status of the ACES has not been determined as the system is under development. When the system is fully developed a Management Advisory Service will be scheduled and performed by the Air Force Audit Agency.

New Initiative Description and Objectives

The ACES migratory initiative is a systems-level initiative that impacts the following functions:

- cost accounting
- inventory tracking and accounting
- personal and real property tracking and accounting
- civil engineer system
- accounts payable
- disbursing
- resource planning and reporting

Milestones and Target Dates

The following are milestones and target dates for the ACES:

Milestones	Begin Date	End Date
Need Established	Jan 94	Mar 94
Replace the Work Information Management System (WIMS)		TBD
LAN Infrastructure	Dec 94	Sep 99
ACES Real Property Proof of Concept	Mar 97	Sep 97
GCSS – AF Contract	Sep 97	Dec 98
Compliance	Jun 98	

Resource Requirements	Resources for the finance and/or accounting aspects of the ACES cannot readily be segregated from the full cost of ACES modernization, development, and implementation, etc. Providing the full cost of this system initiative would overstate the cost necessary to support the finance and/or accounting aspects.

U.S. Air Force
Integrated Maintenance Data System (IMDS)

Description   The Integrated Maintenance Data Systems (IMDS) is a single, evolving, and integrated information technology program to provide all persons with maintenance-related information they need to do their jobs. The IMDS is the standard Air Force system for maintenance production support and the collection and processing of equipment maintenance information.

The (IMDS) is focusing on Year 2000 compliance at full fielding.

Office of Primary Responsibility and Program Manager   The IMDS office of primary responsibility and responsible manager are:

USAF AF/ILMM
Program Manager
Col. William J. Corner/John Gay (POC)

DSN: 223-9836
Comm: (703) 693-9836
Fax: 225-9811
E-mail: gayj@pentagon.af.mil

System Compliance Status   The compliance status of the IMDS has not been determined as the system is under development. When the system is fully developed a Management Advisory Service will be scheduled and performed by the Air Force Audit Agency.

Milestones and Target Dates   The following are milestones and target dates for the IMDS:

Milestones	Begin Date	End Date
Replace the Reliability and Maintainability Information System (REMIS)		TBD
Replace the Comprehensive Engine Management System (CEMS)		TBD

New Initiative Description and Objectives

The IMDS compliance initiative will produce results in the following areas:

- implement Year 2000 compliant systems
- integrate feeder systems

Resource Requirements

Resources for the finance and/or accounting aspects of the IMDS cannot readily be segregated from the full cost of IMDS modernization, development, and implementation, etc. Providing the full cost of this system initiative would overstate the cost necessary to support the finance and/or accounting aspects.

U.S. Air Force
Requirements Data Bank (Special Tools & Test Equipment Process) (STE)

Description   The Requirements Data Bank (Special Tools and Test Equipment Process) (STE) provides an on-line system for maintaining a record of government-owned tooling and test equipment in storage at contractor and government facilities. The system also provides inventory assets, movement, and disposal status of special tooling/special test equipment required to support a weapon system.

Office of Primary Responsibility and Program Manager

The STE office of primary responsibility and responsible manager are:

AFMC/LGIA
Program Manager
Thomas Brown

DSN: 787-2894
Comm: (937) 257-2894
Fax: 986-1186
E-mail: thomas.brown@wpafb.af.mil

System Compliance Status   The STE was determined non-compliant in January 1998 through an evaluation conducted by the Air Force Audit Agency (report numbers 93066005 & 97068016).

General Deficiencies   All noted deficiencies found in the STE were addressed by the program manager during the audit. The program manager has implemented the appropriate corrective actions for these deficiencies. A follow-up audit will be performed to ensure that the deficiencies were corrected and determine system compliance.

Compliance Validation Date and Method   Following the completion of the Air Force Audit Agency's three-year project of evaluating all current on-going systems, a follow-on validation of the STE will be scheduled.
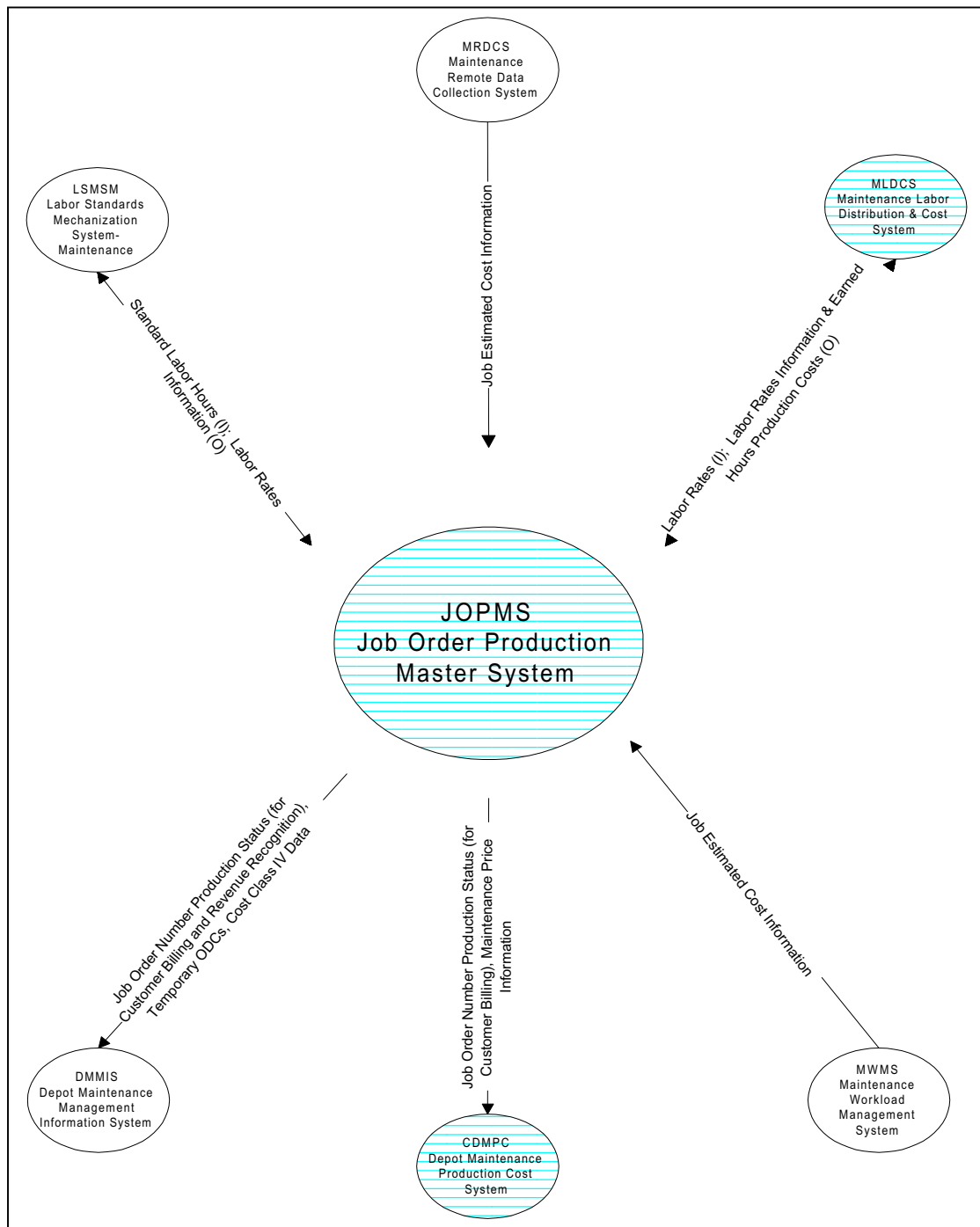
Resource Requirements   Resources for the finance and/or accounting aspects of the STE cannot readily be segregated from the full cost of STE modernization, development, and implementation, etc. Providing the full cost of this system initiative would overstate the cost necessary to support the finance and/or accounting aspects.

U.S. Air Force

Inventory Management Function

U.S. Air Force
Job Order Production Master System (JOPMS)

Description   The primary function of the Job Order Production Master System (JOPMS) is to provide support for management of depot maintenance workloads for the Depot Maintenance Business Area. This includes such functions as customer work request tracking, work authorization, maintenance of temporary job order plans, and recording end item production and standard direct labor hours earned. The JOPMS provides job order production status information, which is used for progress billings and revenue recognition.

Office of Primary Responsibility and Program Manager

The JOPMS office of primary responsibility and responsible manager are:

USAF/Material Systems Group
Program Manager
Sylvester Cleveland

DSN: 787-8881
Comm: (513) 257-8881
Fax:
E-mail:

System Compliance Status

The compliance status of the JOPMS has not been determined. The completion dates for evaluating the system is targeted for March 2000. The Air Force Audit Agency will perform a Management Advisory Service audit.

Resource Requirements

Resources for the finance and/or accounting aspects of the JOPMS cannot readily be segregated from the full cost of the JOPMS modernization, development, and implementation, etc. Providing the full cost of this system initiative would overstate the cost necessary to support the finance and/or accounting aspects.

System Interfaces

As shown in Graph IV.16, the JOPMS interfaces with two critical feeder systems, the Maintenance Labor Distribution & Cost System (MLDCS), and the Contract Depot Maintenance Production & Cost System (CDMPC).

MRDCS
Maintenance
Remote Data
Collection System

LSMSM
Labor Standards
Mechanization
System-
Maintenance

MLDCS
Maintenance Labor
Distribution & Cost
System

Job Estimated Cost Information

Standard Labor Hours (I); Labor Rates Information (O)

Labor Rates (I); Labor Rates Information & Earned Hours Production Costs (O)

JOPMS
Job Order Production
Master System

Job Order Number Production Status (for Customer Billing and Revenue Recognition), Temporary ODCs, Cost Class IV Data

Job Order Number Production Status (for Customer Billing), Maintenance Price Information

Job Estimated Cost Information

DMMIS
Depot Maintenance
Management
Information System

CDMPC
Depot Maintenance
Production Cost
System

MWMS
Maintenance
Workload
Management
System

Graph IV-16: Job Order Production Master System

U.S. Air Force
Integrated Logistics System – Supply (ILS-S)

Description   The ILS-S will be a standard base level inventory accounting and ordering management system for the Air Force. The system will also provide limited financial management to support the Supply Management Activity Group.

The ILS-S integration initiative will utilize state-of-the-art technology to achieve near real-time logistics information that, when combined with financial information, supports the customer at all operational environments.

The system provides total asset visibility and positive asset control for material at all stages - in the warehouse, in transit, in maintenance repair, and in custody of using organizations – of deployment.

The goal of the system is to provide reliable weapon system availability through stock availability and time definite delivery of material while continually improving service and cost performance. It will provide direct supply support to active Air Force units, the Guard, and the Reserve – during peacetime and war – at fixed main bases, air bases, and deployed locations.

Office of Primary Responsibility and Program Manager

The ILS-S office of primary responsibility and responsible manager are:

HQ SSG/ILS, Logistics Information Systems Program Office
Program Manager
Col. Rufus Manning

DSN: 596-4158
Comm: (334) 416-4158
Fax: 596-5186
E-mail: rufus.manning@gunter.af.mil

System Compliance Status

The compliance status of the ILS-S has not been determined as the system is under development. When the system is fully developed a Management Advisory Service will be scheduled and performed by the Air Force Audit Agency.

New Initiative Description and Objectives

The ILS-S integration new initiative will focus on:

- reengineering business processes
- consolidating and standardizing systems
- standardizing and warehousing data
- integrating with other communities
- assessing internal controls
- improving data accuracy
- replacing the current supply system using a commercial-off-the-shelf solution

Milestones and Target Dates

The following are milestones and target dates for the ILS-S new intiative:

Milestones	Begin Date	End Date
Need Established	Aug 95	
Replace the Information Processing Management System (IPMS)		TBD
First Task Order (high level design and prototype)	Feb 97	Dec 97
ALPHA Delivery (user orientation prototype)	Aug 98	
BETA Delivery (basic supply functionality excluding equipment and war-time requirements)	Aug 99	
IOC (all basic capability-turn off legacy system) at 2 bases	May 00	
FOC (full capability) at 2 bases	Aug 00	
Worldwide Fielding	Aug 01	
Replace Standard Base Supply System (SBSS)		TBD

Resource Requirements

Resources for the finance and/or accounting aspects of the ILS-S cannot readily be segregated from the full cost of ILS-S modernization, development, and implementation, etc. Providing the full cost of this system initiative would overstate the cost necessary to support the finance and/or accounting aspects.

U.S. Air Force
Standard Control System (SCS)

Description   The Standard Control System (SCS) is a wholesale supply system that performs the functions of requisition processing, providing customer status, maintaining visibility of assets (by quantity, condition, location), allocating and releasing assets, and providing Joint total asset visibility for both the Air Force and the Marine Corps. The SCS is a joint service system, with HQ AFMC/LGN serving as executive agent.

Within the Air Force, the SCS maintains visibility of reparable and critical consumable assets stored at retail base accounts and redistributes base excess assets to fill backorders. The Air Force also uses the SCS to preposition backorders for immediate shipment from the receiving line when assets are received, issue and control materiel provided to depot maintenance, perform intransit tracking, compute order ship times, maintain aggregation accounts, control/issue government-furnished materiel provided to contractors and perform logistics reassignment.

Office of Primary Responsibility and Program Manager   The SCS office of primary responsibility and responsible manager are:

HQ AFMC/LGN
Program Manager
Jo Ann Tudor

DSN: 787-0160
Comm: (937) 904-0160
Fax:
E-mail: jtudor@wpgate1.wpafb.af.mil

System Compliance Status   The compliance status of the SCS has not been determined as the system is under development. When the system is fully developed a Management Advisory Service will be scheduled and performed by the Air Force Audit Agency.

Milestones and Target Dates

The following are milestones and target dates for the SCS:

Milestones	Begin Date	End Date
Replace the Item Manager's Wholesale Requisition System (IMWRP)		TBD
Replace the Recoverable Assembly Management Procurement (RAMP)		TBD
Replace the Special Support Stock Control Distribution System (SSSCD)		TBD
Replace the Wholesale and Retail Receiving/Shipping System (WRRS)		TBD

Resource Requirements

Resources for the finance and/or accounting aspects of the SCS cannot readily be segregated from the full cost of SCS modernization, development, and implementation, etc. Providing the full cost of this system initiative would overstate the cost necessary to support the finance and/or accounting aspects.

U.S. Air Force
Stock Number User Directory (SNUD)

Description	The primary function of the Stock Number User Directory (SNUD) system is to maintain a directory of stock numbers by user in order to facilitate the selective distribution of stock number oriented management data to the appropriate users. This data includes information such as item name, vendor, unit pricing, ship-to information, and interchangeability and substitution information.

Office of Primary Responsibility and Program Manager

The SNUD office of primary responsibility and responsible manager are:

AFMC/LGISM
Program Manager
Gregg Bowerman

DSN: 932-5175
Comm: (616) 961-5175
Fax: 932-5030
E-mail: gregg.bowerman@casc.af.mil

System Compliance Status

The compliance status of the SNUD has not been determined. The completion dates for evaluating the system is targeted for March 2000. The Air Force Audit Agency will perform the Management Advisory Service audit.

Resource Requirements

Resources for the finance and/or accounting aspects of the SNUD cannot readily be segregated from the full cost of SNUD modernization, development, and implementation, etc. Providing the full cost of this system initiative would overstate the cost necessary to support the finance and/or accounting aspects.

System Interfaces

As shown in Graph IV.17, the SNUD interfaces with two critical feeder systems, the Job Order Production Master System (JOPMS), and the Contract Depot Maintenance Production & Cost System (CDMPC).
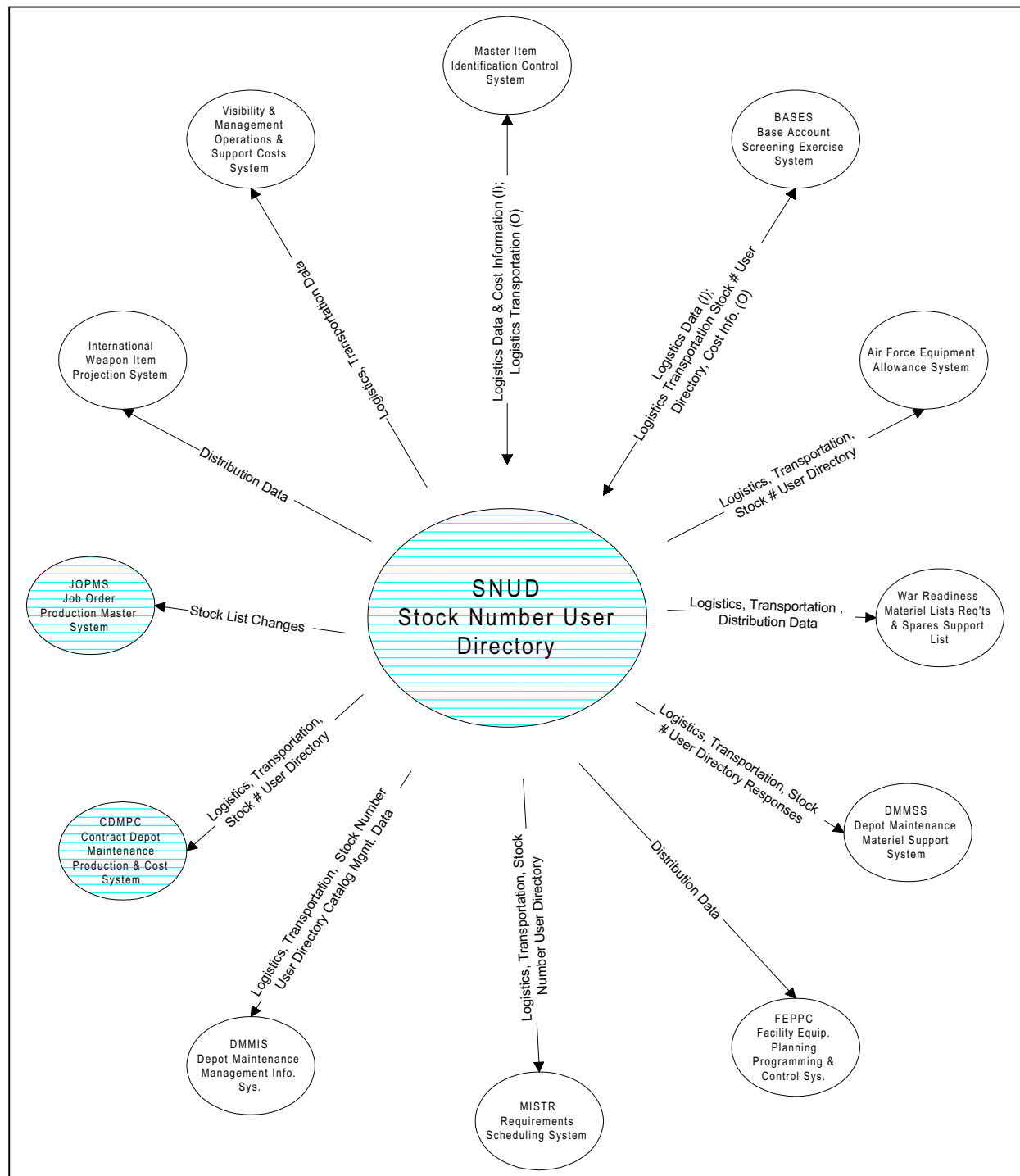
Graph IV-17: Stock Number User Directory